

The following “Listing of Claims” replaces all prior versions and Listings of Claims in the application:

1-20. (Canceled)

21. (Currently Amended) An event system comprising:

a base station for ~~displaying~~ outputting at least one performance metric;

one or more mobile sensing units for attachment with mobile participants in a competitive event within a competitive event area, ~~and wherein the one or more mobile sensing units are for~~ transmitting wireless data representing the at least one performance metric;

at least one camera for capturing at least one image and transmitting data representing ~~said~~ the at least ~~on one~~ image to the base station to correlate with the wireless data representing the at least one performance metric, wherein the at least one camera is for attachment to a vehicle that is attached to the mobile participants; and

at least one relay unit for placement proximate to and stationary within the competitive event area, the at least one relay unit being remote from the mobile sensing units and the base station, the at least one relay unit for receiving the wireless data representing the at least one performance metric from the one or more mobile sensing units and for wirelessly transmitting ~~said~~ the received data to the base station.

22. (Canceled)

23. (Currently Amended) The system of claim 21, wherein the at least one relay unit includes at least two relay units.

24. (Canceled)

25. (Currently Amended) The system of claim ~~23~~ 21, wherein the ~~event arena~~ competitive event area is a half pipe event area.

26. (Currently Amended) The system of claim 21, further comprising a scoreboard, and wherein the base station ~~displays~~ outputs the at least one performance metric ~~on to~~ to the scoreboard.

27. (Currently Amended) The system of claim 21, further comprising a display device electrically coupled to the base station, and wherein the base station ~~displays~~ outputs the at least ~~on~~ one performance metric ~~on~~ to the display device.

28. (Currently Amended) The system of claim 21, wherein the at least one performance metric is at least one selected from the group of rotation, spin, tilt, leaning, acceleration, speed, edge time, distance, drop distance, airtime and g-force.

29. (Currently Amended) The system of claim 21, wherein the at least one performance metric includes a rotation rate or total rotation.

30. (Currently Amended) The system of claim 21, wherein the at least one performance metric includes a rotation component.

31. (Currently Amended) The system of claim ~~30-21~~, wherein the one or more mobile sensing ~~unit~~ units includes an accelerometer.

32. (Currently Amended) The system of claim ~~30-21~~, wherein the one or more mobile sensing ~~unit~~ units includes at least ~~on~~ one magnetic field sensing device.

33. (Currently Amended) The system of claim 32, wherein the one or more mobile sensing ~~unit~~ units further includes one or more pitch and roll sensors.

34. (Currently Amended) The system of claim ~~30-21~~, wherein the one or more mobile sensing ~~unit~~ units includes one or more magnetic field sensing devices indicating 3 axes of rotation.

35. (Currently Amended) A system, comprising:

one or more mobile sensing units detachably engaged to a mobile ~~object in~~ participant in a competitive event within an event area, the one or more mobile sensing units ~~to detect for detecting~~ at least one performance metric of the mobile ~~object~~ participant and ~~to transmit for transmitting~~ wireless data representing the at least one performance metric;

one or more stationary relay units located proximate the event area and remotely from the one or more mobile sensing units, the one or more stationary relay units to receive the wireless

data representing the at least one performance metric from the one or more mobile sensing units and to wirelessly re-transmit the data representing the at least one performance metric;

one or more mobile cameras detachably engaged ~~to~~ with a vehicle that is attached to the mobile ~~object~~ participant to capture at least one image and to transmit data representing the at least one image; and

a base station to receive the wireless data representing the at least one performance metric from the one or more stationary relay units, to receive the data representing the at least one image, and to correlate the data representing the at least one performance metric and the data representing the at least one image.

36. (Canceled)

37. (Currently Amended) The system of claim 35, further comprising:

a display device coupled to the base station, the display device to display the at least one performance metric.

38. (Currently Amended) The system of claim 35, the at least one performance metric representing at least one of rotation rate, total rotation, spin, tilt, leaning, acceleration, speed, edge time, distance, drop distance, airtime, g-force, or a combination thereof.

39. (Currently Amended) A method, comprising:

detecting, by a mobile sensing unit engaged ~~to~~ with a mobile object participant in a competitive event within ~~in~~ an event area, at least one performance metric of the mobile ~~object~~ participant;

transmitting, by the mobile sensing unit, wireless data representing the at least one performance metric;

receiving, by a stationary relay unit located proximate the event area and remotely from the mobile sensing ~~units~~ unit, the wireless data representing the at least one performance metric; and

transmitting, by the stationary relay unit, the wireless data representing the at least one performance metric;

capturing, by a mobile camera coupled to a vehicle attached to the mobile ~~object~~ participant, an image; and

correlating the at least one performance metric with the image.

40. (Currently Amended) The method of claim 39, further comprising:
receiving, by a base station, the wireless data representing the at least one performance metric from the stationary relay unit.

41. (Currently Amended) The method of claim 40, further comprising:
displaying, by a display device coupled to the base station, the at least one performance metric.

42. (Previously Presented) The method of claim 40 further comprising:
transmitting, by the mobile camera, data representing the image.

43. (Currently Amended) The method of claim ~~40~~ 39, the at least one performance metric representing at least one of rotation rate, total rotation, spin, tilt, leaning, acceleration, speed, edge time, distance, drop distance, airtime, g-force, or a combination thereof.